

Material Safety Data Sheet

according to ISO/DIS 11014

Majvest 200



Version 2.2

Revision date: 17/09/2020
Replaces edition of: 09/14/2015

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING*

1.1 Product identifier

Trade name: Majvest 200

1.2 Relevant identified uses of the substance or mixture and uses advised against

Application of the article: Mechanically attached membrane

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier

SIGA Canada, Inc.

630 René-Lévesque Blvd.

West Suite 2800

Montreal

Quebec H3B 1S6

Canada

Information department: technics.americas@sigaswiss.com

Tel. 1-855-733-7442 (while office-time)

SIGA Emergency telephone number: Tel. 1-855-733-7442 (while office-time)

2. HAZARDS IDENTIFICATION*

2.1 Classification of the substance or mixture

Classification of the substance or mixture

The product is not classified according to the Globally Harmonized System (GHS):

GHS Classification accordance to 29 CFR 1910.1200: Not applicable

Information concerning particular hazards for human and environment

The product does not have to be labelled due to the calculation procedure of international guidelines.

Classification system

The classification was made according to the latest editions of international substances lists and expanded upon from company and literature data.

2.2 GHS Label elements

Observe the general safety regulations when handling chemicals. The product is not subject to identification regulation according to directives on hazardous materials.

Label elements

GHS label elements:

Void

Hazard pictograms:

Void

Signal word:

Void

Hazard statements:

Void

NFPA ratings (scale 0 – 4):



Health = 0

Fire = 1

Reactivity = 0

HMIS ratings (scale 0 – 4):



Health = 0

Fire = 1

Reactivity = 0

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

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3. COMPOSITION/INFORMATION ON INGREDIENTS*

Chemical characterisation:	Mixtures
Description:	Flexible composite material made of polypropylene PP
Dangerous components:	Void

4. FIRST AID MEASURES*

4.1 Description of first aid measures

General information: No special measures required.

After inhalation If breathed in, move to fresh air. If not breathing, give artificial respiration. Consult a physician. If affected are exposed to fumes from overheating or combustion, then bring victim to fresh air. If breathing is irregular or if respiratory arrest occurs, then administer artificial respiration.

After skin contact Do not pull solidified product away from the skin. When molten polymer applied to the skin, cool rapidly with water. Can cause burns. Then medical treatment.

After eye contact This product is an inert substance. If parts gets into the eyes, remove as usual for foreign bodies.

After swallowing If symptoms persist consult doctor.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5. FIRE-FIGHTING MEASURES*

Suitable extinguishing agents

CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Extinguish fire by cooling with water spray.

For safety reasons unsuitable extinguishing agents:

Water with full jet.

5.1 Special hazards arising from the substance or mixture

Carbon monoxide (CO), nitrogen oxides (NO_x). Combustible product melted in the heat. Smoke.

5.2 Advice for firefighters

Protective equipment

Condense escaping vapors with water spray.

Additional information

Cool endangered receptacles with water spray. Dispose of fire debris and contaminated firefighting water in accordance with official regulations.

6. ACCIDENTAL RELEASE MEASURES*

6.1 Personal precautions, protective equipment and emergency procedures

Particular danger of slipping from lying foil on the floor.

6.2 Environmental precautions: Do not allow product to reach sewage system or any water course.

6.3 Methods and material for containment and cleaning up

Send for recovery or disposal in suitable receptacles. Pick up mechanically.

6.4 Reference to other sections

No dangerous substances are released

See section 7 for information on safe handling.

See section 8 for information on personal protection equipment.

See section 13 for disposal information.

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7. HANDLING AND STORAGE*

7.1 Precautions for safe handling

Upon heating of the product: Provide adequate ventilation of the workplace. In certain cases use appropriate local exhaust ventilation at workplace.

Information about protection against explosions and fires

Protect against electrostatic charges.

7.2 Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and receptacles: Store in a cool location. Storage on pallets in dry and closed rooms with a solid surface. Loose rolls stacked in containers, racks or secured by wedges. Pallets with lying rolls should not be stacked. Products stacked in cardboard boxes up to 5.5 m height.

Information about storage in one common storage facility: Protect from heat and direct sunlight. Store in dry conditions.

Further information about storage conditions: Ambient temperature

7.3 Specific end use(s):

Transport: On pallets in truck or wagon at ambient temperature. Loading and unloading temperature: ambient temperature

8. EXPOSURE CONTROLS/PERSONAL PROTECTION*

Additional information about design of technical systems: Use appropriate local exhaust ventilation.

8.1 Control parameters

Components with limit values that require monitoring at the workplace

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information:

The lists that were valid during the creation were used as basis.

8.2 Exposure controls

Personal protective equipment

General protective and hygienic measures: Wash hands before breaks and at the end of work.

Breathing equipment: Not necessary.

Eye protection: Face protection

Body protection: Protective work clothing

9. PHYSICAL AND CHEMICAL PROPERTIES*

9.1 Information on basic physical and chemical properties

General Information

Appearance

Form: Solid

Colour: Blue

Odour: Odorless

Odour threshold: Not determined.

pH-value: Not applicable.

Melting point/melting range: 329°F (165°C).

Boiling point/Boiling range: Undetermined.

Flash point: 626°F (330°C) (DIN 51755)

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Flammability	Not determined.
Ignition temperature	>644°F (>340°C) (DIN 51794)
Decomposition temperature	Not determined.
Auto igniting	Product is not self-igniting.
Danger of explosion	Product does not present an explosion hazard.
Explosion limits (Vol-%)	
Lower:	Not determined.
Upper:	Not determined.
Vapour pressure	Not applicable.
Density at 68°F (20°C):	7.594-7.928 lbs/gal (0.91-0.95 g/cm ³)
Relative density:	Not determined.
Vapour density:	Not applicable.
Evaporation rate:	Not applicable.
Solubility in/Miscibility with	
water:	Soluble.
Partition coefficient: n-octanol/water:	Not determined.
Viscosity	
Dynamic	Not applicable
Kinematic:	Not applicable.
Solids content	
Organic solvents:	0.0%
Solid contents:	100.0%
9.2 Other information:	No further relevant information available.

10. STABILITY AND REACTIVITY*

10.1 Reactivity: No further relevant information available.

10.2 Chemical stability

Thermal decomposition/conditions to be avoided: To avoid thermal decomposition do not overheat. No decomposition if used according to specifications. Temperatures > 300 °C and exposure to the sunlight or UV-light can lead to decomposition of the polymers.

10.3 Possibility of hazardous reactions: No dangerous reactions known.

10.4 Conditions to avoid: No further relevant information available.

10.5 Incompatible materials: Strong oxidizing agent, strong bases.

10.6 Hazardous decomposition products: Carbon monoxide and carbon dioxide Acrolein, tetrahydrofuran, aldehydes, ketones.

11. TOXICOLOGICAL INFORMATION*

11.1 Information on toxicological effects

LD/LC50 values that are relevant for classification:

9003-07-0 Polypropylen:

Oral LD50 ca 0.01 lb/lb (ca 5000 mg/kg) (rat)

Acute toxicity, Primary irritant effect:

On the skin:

Contact with the hot product may cause burns.

On the eye:

Mechanical irritation by particles.

By inhalation:

Low health risk at normal ambient temperatures. When exposed to high temperatures, it may produce vapors and/or aerosol, which irritate the eyes and respiratory tract.

Sensitization:

No sensitizing effects known

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Additional toxicological information:	The product is not subject to classification according to internally approved calculation methods for preparations: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.
NTP (National Toxicology Program):	None of the ingredients is listed

12. ECOLOGICAL INFORMATION*

12.1 Toxicity

Aquatic toxicity:	No further relevant information available.
Persistence and degradability:	Not easily biodegradable
Bioaccumulative potential:	No further relevant information available.
Mobility in soil:	No further relevant information available.

Additional ecological information

General notes:	Not hazardous for water
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Results of PBT and vPvB assessment

PBT:	Not applicable.
vPvB:	Not applicable.
Other adverse effects:	No further relevant information available.

13. DISPOSAL CONSIDERATIONS*

13.1 Waste treatment methods

Recommendation:	Can be reused after reprocessing. Smaller quantities can be disposed of with household waste.
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Uncleaned packaging

Recommendation:	Disposal must be made according to official regulations.
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14. TRANSPORT INFORMATION*

14.1 UN-Number

DOT, IMDG, IATA:	Void
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14.2 UN proper shipping name

DOT, IMDG, IATA:	Void
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14.3 Transport hazard class(es)

DOT, IMDG, IATA	
Class:	Void

14.4 Packing group

DOT, IMDG, IATA:	Void
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14.5 Special precautions for user:

Not applicable.

14.6 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

UN "Model Regulation":	-
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15. REGULATORY INFORMATION*

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Sara

Section 355 (extremely hazardous

Substances):

None of the ingredients is listed.

Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

15.2 TSCA (Toxic Substances

Control Act):

9003-07-0

Polypropylen

471-34-1

CaCO₃

Mixture

UV Stabilizer

Mixture

Pigment Masterbatch

Proposition 65:

Chemicals known to cause cancer:

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

Cancerogenity categories

EPA (Environmental Protection Agency):

None of the ingredients is listed.

TLV (Threshold Limit Value

Established by ACGIH):

None of the ingredients is listed.

NIOSH-Ca (Occupational Safety & Health Administration):

None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration):

None of the ingredients is listed.

Canadian substance listings

Canadian Domestic Substances listed (DSL):

9003-07-0

Polypropylen

471-34-1

CaCO₃

Mixture

UV Stabilizer

Mixture

Pigment Masterbatch

Canadian Components Disclosure list (limit 0.1%):

None of the ingredients is listed.

Canadian Ingredient Disclosure list (limit 1%):

None of the ingredients is listed.

GHS label elements:

Void

Hazard pictograms:

Void

Signal word:

Void

Hazard statements:

Void

Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

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16. OTHER INFORMATION*

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing MSDS: quality management

Abbreviations and acronyms:

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

* **Data compared to the previous version altered.**